

Fast Flux Test Facility (FFTF) Project (RL-0042)

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*Setting up test cut of Core Component Pot
prototype*



Successful test cutting in progress

Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2006.

Notable Accomplishments

IDS Sodium Drain: Preparations for draining the last of the FFTF bulk sodium, contained in the Interim Decay Storage (IDS) vessel and associated auxiliary systems, continue. Near term focus continues on fabrication of the equipment for plunging, removing and storing the Core Component Pots (CCPs). Parsons continued fabrication of the last major piece of equipment, the temporary storage station to be located in the Head Compartment. Fabrication of the CCP processing (severing) station is in progress by Engineering Test and Development.

Fuel Offload: The last of the filled spent nuclear fuel Interim Storage Casks (ISCs) were transferred to the 200 Area Interim Storage Area. The limited amount of remaining fuel will be shipped to the Idaho National Laboratory.

FY 2006 Funds vs. Spend Forecast (\$M)

	Projected FY 2006 Funding	FY 2006 Fiscal Year Spend Forecast	Variance
FFTF Project	\$ 47.1	\$ 39.5	\$ 7.6

FY 2006 Schedule/Cost Performance (\$M)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
FFTF Project	\$20.8	\$21.2	\$20.4	\$0.4	2.1%	\$0.8	4.0%	\$42.0

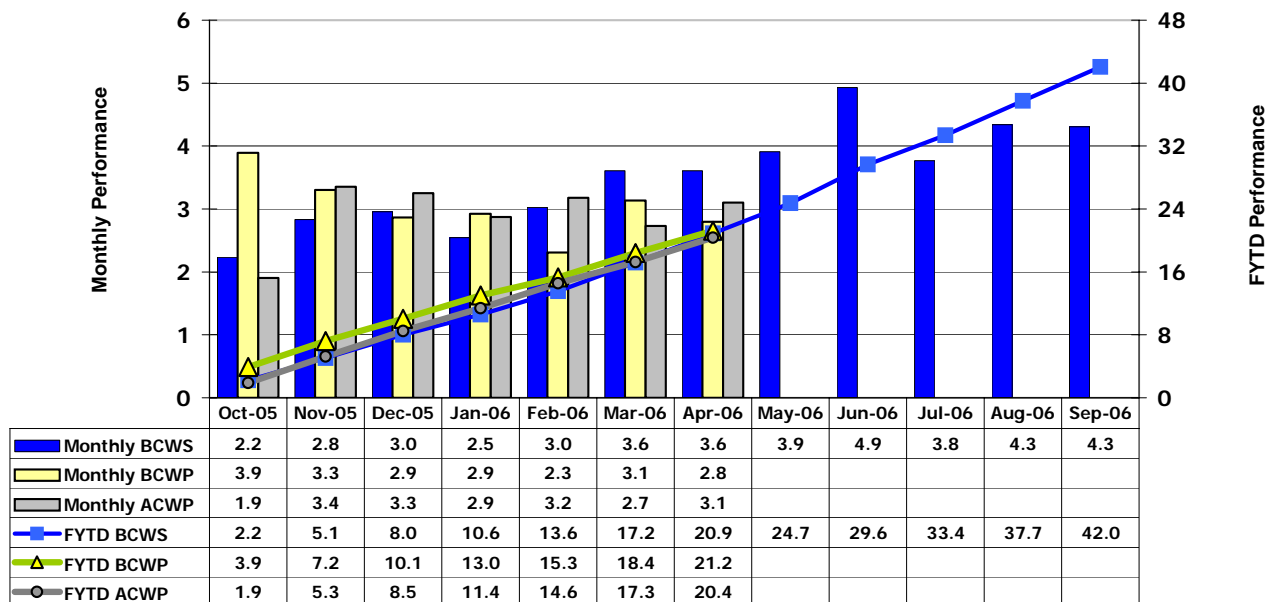
Numbers are rounded to the nearest \$0.1M.

Schedule Performance (+\$0.4M/+2.1%): Fiscal year to date schedule performance is primarily due to the progress on fuel offload activities, offset by delays in Fuel Storage Facility (FSF) Nak cleaning.

Cost Performance (+\$0.8M/+4.0%): Fiscal year to date cost performance is primarily due to progress on fuel offload and the cost effective solution for the Interim Decay Storage heat source.

FY 2006 Schedule/Cost Performance (\$M), continued

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a3	Complete loading and transferring ten additional Interim Storage Casks	PI	3/31/2005	8/9/2005		Complete
M-81-13 (BM-81-13)	Complete reactor & HTS sodium drain	TPA	6/30/2005	6/21/2005		Complete
M-81-11 (BM-81-11)	Submit FFTF end point criteria document	TPA	8/31/2005	7/7/2005		Complete
RL 42A-1b	Complete FFTF sodium drain from the reactor vessel and the Fuel Storage Facility vessel	PI	9/30/2005	9/1/2005		Complete
RL 42A-1a1	Process fuel assemblies PO-4, SRF-3, & SRF-4, which require disassembly	PI	11/30/2005	11/9/2005		Complete
RL 42A-1a3	Complete loading of six additional Interim Storage Casks and place in the 400 Area Interim Storage Area	PI	11/30/2005	9/27/2005		Complete
RL 42A-1a2	Process fuel assembly ACN-1, which requires disassembly	PI	3/31/2006	3/14/2006		Complete
RL 42A-1a4	Complete loading of three additional Interim Storage Casks and place in the 400 Area Interim Storage Area	PI	3/31/2006	3/30/2006		Complete